

SX Kinetics designed and manufactured this bench scale leach pilot plant for the continuous production of SX Feed solution.



**Item:** Laboratory Leach Pilot Plant  
**Project:** sxk-45  
**Client:** Moscow State Institute of Steel and Alloys (Technological University)  
**Location:** Moscow, Russia  
**Capacity:** 50 to 200 mL/min  
**Stages:** 4  
**Temperature:** 20 to 80 °C  
**Drive:** variable speed

#### Items Provided:

- Feed preparation tank with tank cover, baffles, and over head agitator
- Variable speed slurry feed pump
- Four cascading leach vessels with covers, baffles, and over head agitators
- Immersion heaters with temperature controllers
- Reagent delivery burettes Teflon stopcocks incorporating needle metering valves
- Reagent feed tank with metering pump
- Discharge tanks with tank covers
- Completely assembled and factory tested prior to shipment

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